

The device has an optical pick-up unit (3) which regenerates music stored in digital format from a CD (1). The regenerated signal is then fed to a signal processing unit (5) after amplification in an amplifier circuit (4). The signal is demodulated in the signal processing unit, where digital music information and digital control information are separated. The digital control information is then input to a control part (6). A servo circuit (7) controls operation of the optical pick-up unit and a motor (2).

The control information from the control part is passed on to a detector (13). The music information from the signal processing unit reaches a second signal processing unit (10). A second control part (14) adds control information from the detector to the music information in the second signal processing unit. The added signal is then compressed, modulated and fed to a second amplifier (11). The amplified signal is then input to a MD recording part (12). The MD recording part is controlled by a MD drive part (15).

ADVANTAGE - Maintains quality of music on MD as in CD.

Dwg. 1/2

Title Terms: CD; DUBBING; DEVICE; RECORD; DIGITAL; MUSIC; SIGNAL; ID; INFORMATION; MUSIC; SELECT; AFTER; COMPRESS; MODULATE; SECOND; SIGNAL; PROCESS; UNIT

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8/9/8

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Controller for digital audio electronic device e.g. CD player, magnetic cassette reproduction device - comprises CPU which expands compressed digital data signal when the output state is detected

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